

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S18 8	112	(US-20040256565-\$ or US-20040247075-\$ or US-20040141584-\$ or US-20040109532-\$ or US-20040086078-\$ or US-20040017887-\$ or US-20050281390-\$ or US-20050100135-\$ or US-20050011849-\$ or US-20050029460-\$ or US-20010020682-\$ or US-20010021241-\$ or US-20030065485-\$ or US-20030201394-\$ or US-20050205793-\$ or US-20060006338-\$ or US-20050157844-\$ or US-20050156734-\$ or US-20040258198-\$ or US-20040179647-\$ or US-20040125914-\$ or US-20040066889-\$ or US-20030016790-\$ or US-20020031202-\$ or US-20020136353-\$).did. or (US-6058158-\$ or US-5936249-\$ or US-5493517-\$ or US-5464013-\$ or US-4893015-\$ or US-4566113-\$ or US-5898790-\$ or US-5910973-\$ or US-6081580-\$ or US-4817123-\$ or US-6237707-\$ or US-6353227-\$ or US-6255654-\$ or US-3124679-\$ or US-3780291-\$ or US-3808444-\$ or US-4064440-\$ or US-4430568-\$ or US-4697594-\$ or US-4973846-\$ or US-5091924-\$ or US-5541856-\$ or US-5638420-\$ or US-5754617-\$ or US-5764683-\$ or US-4873708-\$).did. or (US-5698854-\$ or US-6272207-\$ or US-4047036-\$ or US-5642393-\$ or US-6462341-\$ or US-5504334-\$ or US-4599740-\$ or US-4598202-\$ or US-5493596-\$ or US-5838759-\$ or US-6229872-\$ or US-3835324-\$ or US-4251726-\$ or US-3997787-\$ or US-5237598-\$ or US-4229654-\$ or US-6031890-\$ or US-5151588-\$ or US-5065418-\$ or US-5903623-\$ or US-6236709-\$ or US-6252929-\$ or US-6292533-\$ or US-5870449-\$ or US-6205195-\$ or US-5692028-\$ or US-6552346-\$).did. or (US-6507025-\$ or US-5247561-\$ or US-4366382-\$ or US-6542580-\$ or US-6937692-\$ or US-6843599-\$ or US-6785357-\$ or US-6768421-\$ or US-6763635-\$ or US-4001580-\$ or US-6727506-\$ or US-6708140-\$ or US-5679956-\$ or US-5330142-\$ or US-3790785-\$ or US-4255659-\$ or US-6128365-\$ or US-6936820-\$ or US-6693281-\$ or US-4864142-\$ or US-6456793-\$ or US-4357535-\$ or US-5557108-\$ or US-6972693-\$ or US-6928141-\$ or US-6922461-\$ or US-6920197-\$).did. or (US-6347132-\$ or US-6278115-\$ or US-6563903-\$ or US-5591967-\$).did. or (US-RE26014-\$ or US-3159744-\$).did. or (GB-2277013-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/15 11:35
S18 9	44	S188 and (boom arm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:09
S19 0	9	("20010021241"   "20020136353"   "20040017887"   "5638420"   "5692028"   "5764683"   "6058158"   "6292533"   "6636581").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/15 11:37
S19 1	1	("6785357").URPN.	USPAT	OR	ON	2006/08/15 11:37
S19 2	9	("20010021241"   "20020136353"   "20040017887"   "5638420"   "5692028"   "5764683"   "6058158"   "6292533"   "6636581").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/15 11:37
S19 3	24	("5638420").URPN.	USPAT	OR	ON	2006/08/15 11:39
S19 4	9	("20010021241"   "20020136353"   "20040017887"   "5638420"   "5692028"   "5764683"   "6058158"   "6292533"   "6636581").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/15 11:40
S19 5	7	("2831123"   "3766387"   "4366382"   "4430568"   "4599740"   "5237598").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/15 11:40

## EAST Search History

S19 6	902	378/197.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:09
S19 7	264	378/198.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:09
S19 8	49	(("3124679") or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 12:32
S19 9	20	(("3124679") or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/15 12:32
S20 0	6	"2277013".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:32
S20 1	1	"6031890".pn.	USPAT	OR	ON	2006/08/15 12:32
S20 2	20	((("3124679") or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.) "6031890".pn.	USPAT	OR	ON	2006/08/15 12:32
S20 3	1	"6255654".pn.	USPAT	OR	ON	2006/08/15 12:33
S20 4	5175	((250/358.1) or (250/360.1) or (250/359.1) or (378/57) or (378/198) or (378/197) or (378/51) or (378/54) or (358/55) or (378/62) or (378/147) or (378/149) or (378/160) or (378/369)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 12:33
S20 5	15	((("250/358.1") or ("250/360.1") or ("250/359.1") or ("378/57") or ("378/198") or ("378/197") or ("378/51") or ("378/54") or ("358/55") or ("378/62") or ("378/147") or ("378/149") or ("378/160") or ("378/369")).CCLS.) and (((("3124679") or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.) "6031890".pn.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S20 6	4453	((("250/358.1") or ("250/360.1") or ("250/359.1") or ("378/57") or ("378/198") or ("378/197") or ("378/51") or ("378/54") or ("358/55") or ("378/62") or ("378/147") or ("378/149") or ("378/160") or ("378/369")).CCLS.) not (((("3124679") or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.) "6031890".pn.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33

## EAST Search History

S20 7	35	(((("3124679") or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.) "6031890".pn.) not (((("250/358.1") or ("250/360.1") or ("250/359.1") or ("378/57") or ("378/198") or ("378/197") or ("378/51") or ("378/54") or ("358/55") or ("378/62") or ("378/147") or ("378/149") or ("378/160") or ("378/369")).CCLS.) not (((("3124679") or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.) "6031890".pn.)) and velocity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S20 8	334	(((("250/358.1") or ("250/360.1") or ("250/359.1") or ("378/57") or ("378/198") or ("378/197") or ("378/51") or ("378/54") or ("358/55") or ("378/62") or ("378/147") or ("378/149") or ("378/160") or ("378/369")).CCLS.) not (((("3124679") or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.) "6031890".pn.)) and velocity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S20 9	222	((((("250/358.1") or ("250/360.1") or ("250/359.1") or ("378/57") or ("378/198") or ("378/197") or ("378/51") or ("378/54") or ("358/55") or ("378/62") or ("378/147") or ("378/149") or ("378/160") or ("378/369")).CCLS.) not (((("3124679") or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.) "6031890".pn.)) and velocity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S21 0	1148	(((("250/358.1") or ("250/360.1") or ("250/359.1") or ("378/57") or ("378/198") or ("378/197") or ("378/51") or ("378/54") or ("358/55") or ("378/62") or ("378/147") or ("378/149") or ("378/160") or ("378/369")).CCLS.) not (((("3124679") or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.) "6031890".pn.)) and velocity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S21 1	0	((("DocumentID") or ("US6031890A") or ("US5903623A") or ("US5764683A") or ("US5638420A") or ("US5754617A") or ("US5541856A") or ("US5151588A") or ("US5237598A") or ("US5091924A") or ("US4973846A") or ("US4697594A") or ("US4430568A") or ("US4229654A") or ("US4251726A") or ("US3997787A") or ("US4064440A") or ("US3835324A") or ("US3808444A") or ("US3124679A") or ("US3780291A") or ("US6237707B1") or ("US6229872B1") or ("US6081580A") or ("US5898790A") or ("US5910973A") or ("US5838759A") or ("US4566113A") or ("US4357535A") or ("US3790785A") or ("US20010020682A1") or ("US6292533B1") or ("US6252929B1") or ("US6236709B1") or ("US6128365A") or ("US5870449A") or ("US5642393A") or ("US5692028A") or ("US5065418A")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 12:33
S21 2	87	((("5065418") or ("5692028") or ("5642393") or ("5870449") or ("6128365") or ("6236709") or ("6252929") or ("6292533") or ("3790785") or ("4357535") or ("4566113") or ("5838759") or ("5910973") or ("5898790") or ("6081580") or ("6229872") or ("6237707") or ("3780291") or ("3124679") or ("3808444") or ("3835324") or ("4064440") or ("3997787") or ("4251726") or ("4229654") or ("4430568") or ("4697594") or ("4973846") or ("5091924") or ("5237598") or ("5151588") or ("5541856") or ("5754617") or ("5638420") or ("5764683") or ("5903623") or ("6031890")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 12:33

## EAST Search History

S21 3	29	((("5065418") or ("5692028") or ("5642393") or ("5870449") or ("6128365") or ("6236709") or ("6252929") or ("6292533") or ("3790785") or ("4357535") or ("4566113") or ("5838759") or ("5910973") or ("5898790") or ("6081580") or ("6229872") or ("6237707") or ("3780291") or ("3124679") or ("3808444") or ("3835324") or ("4064440") or ("3997787") or ("4251726") or ("4229654") or ("4430568") or ("4697594") or ("4973846") or ("5091924") or ("5237598") or ("5151588") or ("5541856") or ("5754617") or ("5638420") or ("5764683") or ("5903623") or ("6031890")).PN.) and speed	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S21 4	14	((("5065418") or ("5692028") or ("5642393") or ("5870449") or ("6128365") or ("6236709") or ("6252929") or ("6292533") or ("3790785") or ("4357535") or ("4566113") or ("5838759") or ("5910973") or ("5898790") or ("6081580") or ("6229872") or ("6237707") or ("3780291") or ("3124679") or ("3808444") or ("3835324") or ("4064440") or ("3997787") or ("4251726") or ("4229654") or ("4430568") or ("4697594") or ("4973846") or ("5091924") or ("5237598") or ("5151588") or ("5541856") or ("5754617") or ("5638420") or ("5764683") or ("5903623") or ("6031890")).PN.) and velocity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S21 5	38	((("5065418") or ("5692028") or ("5642393") or ("5870449") or ("6128365") or ("6236709") or ("6252929") or ("6292533") or ("3790785") or ("4357535") or ("4566113") or ("5838759") or ("5910973") or ("5898790") or ("6081580") or ("6229872") or ("6237707") or ("3780291") or ("3124679") or ("3808444") or ("3835324") or ("4064440") or ("3997787") or ("4251726") or ("4229654") or ("4430568") or ("4697594") or ("4973846") or ("5091924") or ("5237598") or ("5151588") or ("5541856") or ("5754617") or ("5638420") or ("5764683") or ("5903623") or ("6031890")).PN.) and velocity	USPAT; USOCR	OR	OFF	2006/08/15 12:33
S21 6	33	(((("5065418") or ("5692028") or ("5642393") or ("5870449") or ("6128365") or ("6236709") or ("6252929") or ("6292533") or ("3790785") or ("4357535") or ("4566113") or ("5838759") or ("5910973") or ("5898790") or ("6081580") or ("6229872") or ("6237707") or ("3780291") or ("3124679") or ("3808444") or ("3835324") or ("4064440") or ("3997787") or ("4251726") or ("4229654") or ("4430568") or ("4697594") or ("4973846") or ("5091924") or ("5237598") or ("5151588") or ("5541856") or ("5754617") or ("5638420") or ("5764683") or ("5903623") or ("6031890")).PN.) and speed) (((("5065418") or ("5692028") or ("5642393") or ("5870449") or ("6128365") or ("6236709") or ("6252929") or ("6292533") or ("3790785") or ("4357535") or ("4566113") or ("5838759") or ("5910973") or ("5898790") or ("6081580") or ("6229872") or ("6237707") or ("3780291") or ("3124679") or ("3808444") or ("3835324") or ("4064440") or ("3997787") or ("4251726") or ("4229654") or ("4430568") or ("4697594") or ("4973846") or ("5091924") or ("5237598") or ("5151588") or ("5541856") or ("5754617") or ("5638420") or ("5764683") or ("5903623") or ("6031890")).PN.) and velocity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S21 7	2	"6255654".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S21 8	0	"6255654".pn. and velocity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S21 9	1	"6255654".pn. and speed	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33

## EAST Search History

S22 0	2	"6255654".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S22 1	0	"6255654".pn. and baud	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S22 2	1	"6255654".pn. and interface	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S22 3	2	"6255654".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S22 4	1	"6255654".pn. and collimator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S22 5	0	"6255654".pn. and pitch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S22 6	1	"6255654".pn. and resolution	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S22 7	0	verbinsky.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S22 8	17	verbinski.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S22 9	87	((("6031890") or ("5903623") or ("5764683") or ("5754617") or ("5638420") or ("5541856") or ("5237598") or ("5151588") or ("5091924") or ("4973846") or ("4697594") or ("3835324") or ("4430568") or ("4229654") or ("4251726") or ("4064440") or ("3997787") or ("6081580") or ("3808444") or ("3124679") or ("3780291") or ("6237707") or ("6229872") or ("5910973") or ("5898790") or ("5838759") or ("4566113") or ("4357535") or ("3790785") or ("6292533") or ("6252929") or ("6236709") or ("6128365") or ("5870449") or ("5692028") or ("5642393") or ("5065418")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 12:33

## EAST Search History

S23 0	1	((("6031890") or ("5903623") or ("5764683") or ("5754617") or ("5638420") or ("5541856") or ("5237598") or ("5151588") or ("5091924") or ("4973846") or ("4697594") or ("3835324") or ("4430568") or ("4229654") or ("4251726") or ("4064440") or ("3997787") or ("6081580") or ("3808444") or ("3124679") or ("3780291") or ("6237707") or ("6229872") or ("5910973") or ("5898790") or ("5838759") or ("4566113") or ("4357535") or ("3790785") or ("6292533") or ("6252929") or ("6236709") or ("6128365") or ("5870449") or ("5692028") or ("5642393") or ("5065418")).PN.) and "485"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S23 1	8	((("6031890") or ("5903623") or ("5764683") or ("5754617") or ("5638420") or ("5541856") or ("5237598") or ("5151588") or ("5091924") or ("4973846") or ("4697594") or ("3835324") or ("4430568") or ("4229654") or ("4251726") or ("4064440") or ("3997787") or ("6081580") or ("3808444") or ("3124679") or ("3780291") or ("6237707") or ("6229872") or ("5910973") or ("5898790") or ("5838759") or ("4566113") or ("4357535") or ("3790785") or ("6292533") or ("6252929") or ("6236709") or ("6128365") or ("5870449") or ("5692028") or ("5642393") or ("5065418")).PN.) and interface	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S23 2	2797	"rs-485"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S23 3	81	"rs-485" and gamma	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S23 4	87	((("5065418") or ("5692028") or ("6252929") or ("6292533") or ("3790785") or ("4566113") or ("5838759") or ("5898790") or ("5910973") or ("6081580") or ("6229872") or ("3124679") or ("3780291") or ("3808444") or ("3835324") or ("3997787") or ("4064440") or ("4251726") or ("4430568") or ("4697594") or ("4973846") or ("5151588") or ("5091924") or ("5237598") or ("5638420") or ("5754617") or ("5764683") or ("5903623") or ("6031890") or ("4229654") or ("5541856") or ("5642393") or ("5870449") or ("6128365") or ("6236709") or ("6237707") or ("4357535")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 12:34
S23 5	3	((("5065418") or ("5692028") or ("6252929") or ("6292533") or ("3790785") or ("4566113") or ("5838759") or ("5898790") or ("5910973") or ("6081580") or ("6229872") or ("3124679") or ("3780291") or ("3808444") or ("3835324") or ("3997787") or ("4064440") or ("4251726") or ("4430568") or ("4697594") or ("4973846") or ("5151588") or ("5091924") or ("5237598") or ("5638420") or ("5754617") or ("5764683") or ("5903623") or ("6031890") or ("4229654") or ("5541856") or ("5642393") or ("5870449") or ("6128365") or ("6236709") or ("6237707") or ("4357535")).PN.) and count adj rate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S23 6	5175	((250/358.1) or (250/360.1) or (250/359.1) or (378/57) or (378/198) or (378/197) or (378/51) or (378/54) or (358/55) or (378/62) or (378/147) or (378/149) or (378/160) or (378/369)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 12:34
S23 7	8	((("250/358.1") or ("250/360.1") or ("250/359.1") or ("378/57") or ("378/198") or ("378/197") or ("378/51") or ("378/54") or ("358/55") or ("378/62") or ("378/147") or ("378/149") or ("378/160") or ("378/369")).CCLS.) and countrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34

## EAST Search History

S23 8	158	((("250/358.1") or ("250/360.1") or ("250/359.1") or ("378/57") or ("378/198") or ("378/197") or ("378/51") or ("378/54") or ("358/55") or ("378/62") or ("378/147") or ("378/149") or ("378/160") or ("378/369")).CCLS.) and count adj rate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S23 9	0	("1andstorage").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 12:34
S24 0	52	((("5065418") or ("5692028") or ("6252929") or ("6292533") or ("3790785") or ("4566113") or ("5838759") or ("5898790") or ("5910973") or ("6081580") or ("6229872") or ("3124679") or ("3780291") or ("3808444") or ("3835324") or ("3997787") or ("4064440") or ("4251726") or ("4430568") or ("4697594") or ("4973846") or ("5151588") or ("5091924") or ("5237598") or ("5638420") or ("5754617") or ("5764683") or ("5903623") or ("6031890") or ("4229654") or ("5541856") or ("5642393") or ("5870449") or ("6128365") or ("6236709") or ("6237707") or ("4357535")).PN.) and image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S24 1	17	((("5065418") or ("5692028") or ("6252929") or ("6292533") or ("3790785") or ("4566113") or ("5838759") or ("5898790") or ("5910973") or ("6081580") or ("6229872") or ("3124679") or ("3780291") or ("3808444") or ("3835324") or ("3997787") or ("4064440") or ("4251726") or ("4430568") or ("4697594") or ("4973846") or ("5151588") or ("5091924") or ("5237598") or ("5638420") or ("5754617") or ("5764683") or ("5903623") or ("6031890") or ("4229654") or ("5541856") or ("5642393") or ("5870449") or ("6128365") or ("6236709") or ("6237707") or ("4357535")).PN.) and image) and storage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S24 2	2	"5838759".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S24 3	0	"5838759".pn. and store	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S24 4	0	"5838759".pn. and storage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S24 5	12	((("5065418") or ("5692028") or ("6252929") or ("6292533") or ("3790785") or ("4566113") or ("5838759") or ("5898790") or ("5910973") or ("6081580") or ("6229872") or ("3124679") or ("3780291") or ("3808444") or ("3835324") or ("3997787") or ("4064440") or ("4251726") or ("4430568") or ("4697594") or ("4973846") or ("5151588") or ("5091924") or ("5237598") or ("5638420") or ("5754617") or ("5764683") or ("5903623") or ("6031890") or ("4229654") or ("5541856") or ("5642393") or ("5870449") or ("6128365") or ("6236709") or ("6237707") or ("4357535")).PN.) and image near2 stor\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34

## EAST Search History

S24 6	3	((("5065418") or ("5692028") or ("6252929") or ("6292533") or ("3790785") or ("4566113") or ("5838759") or ("5898790") or ("5910973") or ("6081580") or ("6229872") or ("3124679") or ("3780291") or ("3808444") or ("3835324") or ("3997787") or ("4064440") or ("4251726") or ("4430568") or ("4697594") or ("4973846") or ("5151588") or ("5091924") or ("5237598") or ("5638420") or ("5754617") or ("5764683") or ("5903623") or ("6031890") or ("4229654") or ("5541856") or ("5642393") or ("5870449") or ("6128365") or ("6236709") or ("6237707") or ("4357535")).PN.) and detector near size	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S24 7	1	((("5065418") or ("5692028") or ("6252929") or ("6292533") or ("3790785") or ("4566113") or ("5838759") or ("5898790") or ("5910973") or ("6081580") or ("6229872") or ("3124679") or ("3780291") or ("3808444") or ("3835324") or ("3997787") or ("4064440") or ("4251726") or ("4430568") or ("4697594") or ("4973846") or ("5151588") or ("5091924") or ("5237598") or ("5638420") or ("5754617") or ("5764683") or ("5903623") or ("6031890") or ("4229654") or ("5541856") or ("5642393") or ("5870449") or ("6128365") or ("6236709") or ("6237707") or ("4357535")).PN.) and stagger\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S24 8	0	"5838759".pn. and collimat\$%	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S24 9	1	"5838759".pn. and collimat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S25 0	2	"5838759".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S25 1	1	"5838759".pn. and collimat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S25 2	0	"5838759".pn. and shut\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S25 3	21380	x-ray adj tube	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S25 4	0	(x-ray adj tube) and terminal adj voltag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S25 5	10	(x-ray adj tube) and terminal adj potential	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34

## EAST Search History

S25 6	59	(x-ray adj tube) and terminal adj voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S25 7	4	((x-ray adj tube) and terminal adj voltage) and kev	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S25 8	117772	"250"/\$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S25 9	264	"250"/\$7.ccls. and cesium adj2 "137"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S26 0	119	"250"/\$7.ccls. and cs adj2 "137"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S26 1	103	"250"/\$7.ccls. and co adj2 "60"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S26 2	101	"250"/\$7.ccls. and co adj "60"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:35
S26 3	17	verbinski.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S26 4	38	(US-6292533-\$ or US-6128365-\$ or US-6236709-\$ or US-6252929-\$ or US-5692028-\$ or US-5870449-\$ or US-5065418-\$ or US-5642393-\$ or US-6031890-\$ or US-5754617-\$ or US-5638420-\$ or US-5903623-\$ or US-5541856-\$ or US-5764683-\$ or US-4697594-\$ or US-5237598-\$ or US-4973846-\$ or US-5091924-\$ or US-5151588-\$ or US-3997787-\$ or US-3835324-\$ or US-4229654-\$ or US-4251726-\$ or US-4430568-\$ or US-4064440-\$ or US-3808444-\$).did. or (US-3780291-\$ or US-3124679-\$ or US-6237707-\$ or US-6229872-\$ or US-5910973-\$ or US-6081580-\$ or US-5898790-\$ or US-5838759-\$ or US-4566113-\$ or US-4357535-\$ or US-3790785-\$).did. or (US-20010020682-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/08/15 12:35
S26 5	20	(("3124679") or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.	USPAT; USOCR	OR	OFF	2006/08/15 12:35
S26 6	5175	((250/358.1) or (250/360.1) or (250/359.1) or (378/57) or (378/198) or (378/197) or (378/51) or (378/54) or (358/55) or (378/62) or (378/147) or (378/149) or (378/160) or (378/369)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 12:35

## EAST Search History

S26 7	2	("0000123").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/15 12:35
S26 8	2	("0000123").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/15 12:35
S26 9	4521	((US-6292533-\$ or US-6128365-\$ or US-6236709-\$ or US-6252929-\$ or US-5692028-\$ or US-5870449-\$ or US-5065418-\$ or US-5642393-\$ or US-6031890-\$ or US-5754617-\$ or US-5638420-\$ or US-5903623-\$ or US-5541856-\$ or US-5764683-\$ or US-4697594-\$ or US-5237598-\$ or US-4973846-\$ or US-5091924-\$ or US-5151588-\$ or US-3997787-\$ or US-3835324-\$ or US-4229654-\$ or US-4251726-\$ or US-4430568-\$ or US-4064440-\$ or US-3808444-\$).did. or (US-3780291-\$ or US-3124679-\$ or US-6237707-\$ or US-6229872-\$ or US-5910973-\$ or US-6081580-\$ or US-5898790-\$ or US-5838759-\$ or US-4566113-\$ or US-4357535-\$ or US-3790785-\$).did. or (US-20010020682-\$).did.) (((("3124679") or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.) (((250/358.1) or (250/360.1) or (250/359.1) or (378/57) or (378/198) or (378/197) or (378/51) or (378/54) or (358/55) or (378/62) or (378/147) or (378/149) or (378/160) or (378/369)).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S27 0	74	((((US-6292533-\$ or US-6128365-\$ or US-6236709-\$ or US-6252929-\$ or US-5692028-\$ or US-5870449-\$ or US-5065418-\$ or US-5642393-\$ or US-6031890-\$ or US-5754617-\$ or US-5638420-\$ or US-5903623-\$ or US-5541856-\$ or US-5764683-\$ or US-4697594-\$ or US-5237598-\$ or US-4973846-\$ or US-5091924-\$ or US-5151588-\$ or US-3997787-\$ or US-3835324-\$ or US-4229654-\$ or US-4251726-\$ or US-4430568-\$ or US-4064440-\$ or US-3808444-\$).did. or (US-3780291-\$ or US-3124679-\$ or US-6237707-\$ or US-6229872-\$ or US-5910973-\$ or US-6081580-\$ or US-5898790-\$ or US-5838759-\$ or US-4566113-\$ or US-4357535-\$ or US-3790785-\$).did. or (US-20010020682-\$).did.) (((("3124679") or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.) (((250/358.1) or (250/360.1) or (250/359.1) or (378/57) or (378/198) or (378/197) or (378/51) or (378/54) or (358/55) or (378/62) or (378/147) or (378/149) or (378/160) or (378/369)).CCLS.)) and stagger\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35

## EAST Search History

S27 1	24	(((US-6292533-\$ or US-6128365-\$ or US-6236709-\$ or US-6252929-\$ or US-5692028-\$ or US-5870449-\$ or US-5065418-\$ or US-5642393-\$ or US-6031890-\$ or US-5754617-\$ or US-5638420-\$ or US-5903623-\$ or US-5541856-\$ or US-5764683-\$ or US-4697594-\$ or US-5237598-\$ or US-4973846-\$ or US-5091924-\$ or US-5151588-\$ or US-3997787-\$ or US-3835324-\$ or US-4229654-\$ or US-4251726-\$ or US-4430568-\$ or US-4064440-\$ or US-3808444-\$).did. or (US-3780291-\$ or US-3124679-\$ or US-6237707-\$ or US-6229872-\$ or US-5910973-\$ or US-6081580-\$ or US-5898790-\$ or US-5838759-\$ or US-4566113-\$ or US-4357535-\$ or US-3790785-\$).did. or (US-20010020682-\$).did.) (((3124679) or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.) (((250/358.1) or (250/360.1) or (250/359.1) or (378/57) or (378/198) or (378/197) or (378/51) or (378/54) or (358/55) or (378/62) or (378/147) or (378/149) or (378/160) or (378/369)).CCLS.) and stagger\$5 same array	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S27 2	1158	(((US-6292533-\$ or US-6128365-\$ or US-6236709-\$ or US-6252929-\$ or US-5692028-\$ or US-5870449-\$ or US-5065418-\$ or US-5642393-\$ or US-6031890-\$ or US-5754617-\$ or US-5638420-\$ or US-5903623-\$ or US-5541856-\$ or US-5764683-\$ or US-4697594-\$ or US-5237598-\$ or US-4973846-\$ or US-5091924-\$ or US-5151588-\$ or US-3997787-\$ or US-3835324-\$ or US-4229654-\$ or US-4251726-\$ or US-4430568-\$ or US-4064440-\$ or US-3808444-\$).did. or (US-3780291-\$ or US-3124679-\$ or US-6237707-\$ or US-6229872-\$ or US-5910973-\$ or US-6081580-\$ or US-5898790-\$ or US-5838759-\$ or US-4566113-\$ or US-4357535-\$ or US-3790785-\$).did. or (US-20010020682-\$).did.) (((3124679) or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.) (((250/358.1) or (250/360.1) or (250/359.1) or (378/57) or (378/198) or (378/197) or (378/51) or (378/54) or (358/55) or (378/62) or (378/147) or (378/149) or (378/160) or (378/369)).CCLS.) and array	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S27 3	366	(((((US-6292533-\$ or US-6128365-\$ or US-6236709-\$ or US-6252929-\$ or US-5692028-\$ or US-5870449-\$ or US-5065418-\$ or US-5642393-\$ or US-6031890-\$ or US-5754617-\$ or US-5638420-\$ or US-5903623-\$ or US-5541856-\$ or US-5764683-\$ or US-4697594-\$ or US-5237598-\$ or US-4973846-\$ or US-5091924-\$ or US-5151588-\$ or US-3997787-\$ or US-3835324-\$ or US-4229654-\$ or US-4251726-\$ or US-4430568-\$ or US-4064440-\$ or US-3808444-\$).did. or (US-3780291-\$ or US-3124679-\$ or US-6237707-\$ or US-6229872-\$ or US-5910973-\$ or US-6081580-\$ or US-5898790-\$ or US-5838759-\$ or US-4566113-\$ or US-4357535-\$ or US-3790785-\$).did. or (US-20010020682-\$).did.) (((3124679) or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.) (((250/358.1) or (250/360.1) or (250/359.1) or (378/57) or (378/198) or (378/197) or (378/51) or (378/54) or (358/55) or (378/62) or (378/147) or (378/149) or (378/160) or (378/369)).CCLS.) and array) and gamma	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35

## EAST Search History

S27 4	117772	"250"/\$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S27 5	9337	"250"/\$7.ccls. and gamma	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S27 6	3163	("250"/\$7.ccls. and gamma) and array	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S27 7	180	((250"/\$7.ccls. and gamma) and array) and (stager\$5 or offset) same array	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S27 8	233	((250"/\$7.ccls. and gamma) and array) and (stagger\$5 or offset) same array	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S27 9	2	"6255654".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S28 0	2	"6058158".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S28 1	2	"5936249".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S28 2	6	"2277013".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S28 3	134	"5493596" "5493517" "5464013" "5379334" "4893015" "4697594" "4599740"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S28 4	14	("5493596" "5493517" "5464013" "5379334" "4893015" "4697594" "4599740").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S28 5	2	"4598202".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S28 6	605	250/358.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S28 7	27	250/358.1.ccls. and linear\$4 near4 array	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S28 8	32	250/358.1.ccls. and line\$4 near4 array	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35

## EAST Search History

S28 9	5914	((250/358.1) or (250/360.1) or (250/359.1) or (378/57) or (378/198) or (378/197) or (378/51) or (378/54) or (358/55) or (378/62) or (378/147) or (378/149) or (378/160) or (250/369)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 12:35
S29 0	788	(250/369).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 12:35
S29 1	18	((250/369).CCLS.) and linear adj array	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:35
S29 2	3	(((250/369).CCLS.) and linear adj array) and (((250/369).CCLS.) and stagger\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S29 3	10	((250/369).CCLS.) and stagger\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S29 4	9	(((250/369).CCLS.) and stagger\$4) and image	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S29 5	2	"4817123".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S29 6	1	"4817123".pn. and proces\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S29 7	1	"4817123".pn. and proces\$6 and imag\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S29 8	56	(US-20010020682-\$).did. or (US-3124679-\$ or US-3780291-\$ or US-3790785-\$ or US-3808444-\$ or US-3835324-\$ or US-3997787-\$ or US-4047036-\$ or US-4064440-\$ or US-4229654-\$ or US-4251726-\$ or US-4357535-\$ or US-4430568-\$ or US-4566113-\$ or US-4598202-\$ or US-4599740-\$ or US-4697594-\$ or US-4817123-\$ or US-4873708-\$ or US-4893015-\$ or US-4973846-\$ or US-5065418-\$ or US-5091924-\$ or US-5151588-\$ or US-5237598-\$ or US-5464013-\$ or US-5493517-\$).did. or (US-5493596-\$ or US-5504334-\$ or US-5541856-\$ or US-5638420-\$ or US-5642393-\$ or US-5692028-\$ or US-5698854-\$ or US-5754617-\$ or US-5764683-\$ or US-5838759-\$ or US-5870449-\$ or US-5898790-\$ or US-5903623-\$ or US-5910973-\$ or US-5936249-\$ or US-6031890-\$ or US-6058158-\$ or US-6081580-\$ or US-6128365-\$ or US-6229872-\$ or US-6236709-\$ or US-6237707-\$ or US-6252929-\$ or US-6255654-\$ or US-6272207-\$ or US-6292533-\$ or US-6353227-\$).did. or (US-6456793-\$ or US-6462341-\$).did. or (GB-2277013-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/08/15 12:36

## EAST Search History

S29 9	56	(US-20010020682-\$).did. or (US-3124679-\$ or US-3780291-\$ or US-3790785-\$ or US-3808444-\$ or US-3835324-\$ or US-3997787-\$ or US-4047036-\$ or US-4064440-\$ or US-4229654-\$ or US-4251726-\$ or US-4357535-\$ or US-4430568-\$ or US-4566113-\$ or US-4598202-\$ or US-4599740-\$ or US-4697594-\$ or US-4817123-\$ or US-4873708-\$ or US-4893015-\$ or US-4973846-\$ or US-5065418-\$ or US-5091924-\$ or US-5151588-\$ or US-5237598-\$ or US-5464013-\$ or US-5493517-\$).did. or (US-5493596-\$ or US-5504334-\$ or US-5541856-\$ or US-5638420-\$ or US-5642393-\$ or US-5692028-\$ or US-5698854-\$ or US-5754617-\$ or US-5764683-\$ or US-5838759-\$ or US-5870449-\$ or US-5898790-\$ or US-5903623-\$ or US-5910973-\$ or US-5936249-\$ or US-6031890-\$ or US-6058158-\$ or US-6081580-\$ or US-6128365-\$ or US-6229872-\$ or US-6236709-\$ or US-6237707-\$ or US-6252929-\$ or US-6255654-\$ or US-6272207-\$ or US-6292533-\$ or US-6353227-\$).did. or (US-6456793-\$ or US-6462341-\$).did. or (GB-2277013-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/08/15 12:36
S30 0	6	"5247561".pn. "4366382".pn. "4255659".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S30 1	0	S300 and stagger\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S30 2	1	S300 and distort\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S30 3	0	S300 and displac\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S30 4	2	"6507025".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S30 5	2	"6542580".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S30 6	59	(US-20010020682-\$).did. or (US-3124679-\$ or US-3780291-\$ or US-3790785-\$ or US-3808444-\$ or US-3835324-\$ or US-3997787-\$ or US-4047036-\$ or US-4064440-\$ or US-4229654-\$ or US-4251726-\$ or US-4255659-\$ or US-4357535-\$ or US-4366382-\$ or US-4430568-\$ or US-4566113-\$ or US-4598202-\$ or US-4599740-\$ or US-4697594-\$ or US-4817123-\$ or US-4873708-\$ or US-4893015-\$ or US-4973846-\$ or US-5065418-\$ or US-5091924-\$ or US-5151588-\$ or US-5237598-\$).did. or (US-5247561-\$ or US-5464013-\$ or US-5493517-\$ or US-5493596-\$ or US-5504334-\$ or US-5541856-\$ or US-5638420-\$ or US-5642393-\$ or US-5692028-\$ or US-5698854-\$ or US-5754617-\$ or US-5764683-\$ or US-5838759-\$ or US-5870449-\$ or US-5898790-\$ or US-5903623-\$ or US-5910973-\$ or US-5936249-\$ or US-6031890-\$ or US-6058158-\$ or US-6081580-\$ or US-6128365-\$ or US-6229872-\$ or US-6236709-\$ or US-6237707-\$ or US-6252929-\$ or US-6255654-\$).did. or (US-6272207-\$ or US-6292533-\$ or US-6353227-\$ or US-6456793-\$ or US-6462341-\$).did. or (GB-2277013-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/08/15 12:36

## EAST Search History

S30 7	4	"3784827".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S30 8	6	"3784827".pn. "5065418".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S30 9	59	(US-20010020682-\$).did. or (US-3124679-\$ or US-3780291-\$ or US-3790785-\$ or US-3808444-\$ or US-3835324-\$ or US-3997787-\$ or US-4047036-\$ or US-4064440-\$ or US-4229654-\$ or US-4251726-\$ or US-4255659-\$ or US-4357535-\$ or US-4366382-\$ or US-4430568-\$ or US-4566113-\$ or US-4598202-\$ or US-4599740-\$ or US-4697594-\$ or US-4817123-\$ or US-4873708-\$ or US-4893015-\$ or US-4973846-\$ or US-5065418-\$ or US-5091924-\$ or US-5151588-\$ or US-5237598-\$).did. or (US-5247561-\$ or US-5464013-\$ or US-5493517-\$ or US-5493596-\$ or US-5504334-\$ or US-5541856-\$ or US-5638420-\$ or US-5642393-\$ or US-5692028-\$ or US-5698854-\$ or US-5754617-\$ or US-5764683-\$ or US-5838759-\$ or US-5870449-\$ or US-5898790-\$ or US-5903623-\$ or US-5910973-\$ or US-5936249-\$ or US-6031890-\$ or US-6058158-\$ or US-6081580-\$ or US-6128365-\$ or US-6229872-\$ or US-6236709-\$ or US-6237707-\$ or US-6252929-\$ or US-6255654-\$).did. or (US-6272207-\$ or US-6292533-\$ or US-6353227-\$ or US-6456793-\$ or US-6462341-\$).did. or (GB-2277013-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/15 12:36
S31 0	734	250/358.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S31 1	363	250/359.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S31 2	209	250/360.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S31 3	339	250/362.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S31 4	138	250/363.08.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S31 5	487	378/57.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36

## EAST Search History

S31 6	634	378/44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S31 7	638	378/54.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S31 8	186	378/55.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S31 9	902	378/197.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S32 0	264	378/198.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S32 1	4340	S309 S310 S311 S312 S313 S314 S315 S316 S317 S318 S319 S320	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S32 2	103	("3124679" "3780291" "3790785" "3808444" "3835324" "39977 87" "4047036" "4064440" "4229654" "4251726" "4255659" "436 6382" "4430568" "4566113" "4598202" "4599740" "4697594" "4 817123" "4873708" "4893015" "4973846" "5091924" "5151588"  "5237598" "5247561" "5379334" "5464013" "5493517" "54935 96" "5541856" "5638420" "5642393" "5692028" "5698854" "575 4617" "5764683" "5838759" "5870449" "5903623" "5910973" "5 936249" "6031890" "6058158" "6255654" "6542580").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S32 3	4399	S321 S322	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S32 4	65	S323 and boom	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S32 5	138259	"250"/\$7.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S32 6	3248	S325 and gamma and neutron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S32 7	660	S325 and gamma.clm. and neutron.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36

## EAST Search History

S32 8	7	S325 and gamma.clm. and neutron.clm. and traffic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S32 9	15	"925009"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S33 0	15	"925009"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S33 1	19	("20020092988" "20030226971" "5330142" "5679956" "5705818" "6031890" "6708140" "6727506" "6937692").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:36
S33 2	4	("20030065485"   "5330142"   "5679956"   "5705818").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/15 12:36
S33 3	65	(US-20010020682-\$ or US-20050029460-\$ or US-20030065485-\$).did. or (US-3124679-\$ or US-3780291-\$ or US-3790785-\$ or US-3808444-\$ or US-3835324-\$ or US-3997787-\$ or US-4047036-\$ or US-4064440-\$ or US-4229654-\$ or US-4251726-\$ or US-4255659-\$ or US-4357535-\$ or US-4366382-\$ or US-4430568-\$ or US-4566113-\$ or US-4598202-\$ or US-4599740-\$ or US-4697594-\$ or US-4817123-\$ or US-4873708-\$ or US-4893015-\$ or US-4973846-\$ or US-5065418-\$ or US-5091924-\$ or US-5151588-\$ or US-5237598-\$).did. or (US-5247561-\$ or US-5464013-\$ or US-5493517-\$ or US-5493596-\$ or US-5504334-\$ or US-5541856-\$ or US-5638420-\$ or US-5642393-\$ or US-5692028-\$ or US-5698854-\$ or US-5754617-\$ or US-5764683-\$ or US-5838759-\$ or US-5870449-\$ or US-5898790-\$ or US-5903623-\$ or US-5910973-\$ or US-5936249-\$ or US-6031890-\$ or US-6058158-\$ or US-6081580-\$ or US-6128365-\$ or US-6229872-\$ or US-6236709-\$ or US-6237707-\$ or US-6252929-\$ or US-6255654-\$).did. or (US-6272207-\$ or US-6292533-\$ or US-6353227-\$ or US-6456793-\$ or US-6462341-\$ or US-4001580-\$ or US-6727506-\$ or US-5679956-\$).did. or (US-RE26014-\$ or US-3159744-\$).did. or (GB-2277013-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/15 12:36
S33 4	7	S333 and neutron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S33 5	138259	"250"/\$7.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S33 6	4400	S335 and (emit\$4 or emission) and (vehicle or truck or tanker or automobile or vehicle or cargo adj container)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37

## EAST Search History

S33 7	223	S335 and (emit\$4 or emission) and (vehicle or truck or tanker or automobile or vehicle or cargo adj container) and radiation and neutron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S33 8	13	"862533"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S33 9	2	"6727506".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S34 0	4	("20030065485"   "5330142"   "5679956"   "5705818").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/15 12:37
S34 1	4453	((("250/358.1") or ("250/360.1") or ("250/359.1") or ("378/57") or ("378/198") or ("378/197") or ("378/51") or ("378/54") or ("358/55") or ("378/62") or ("378/147") or ("378/149") or ("378/160") or ("378/369")).CCLS.) not (((("3124679") or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.) "6031890".pn.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:37
S34 2	4453	((("250/358.1") or ("250/360.1") or ("250/359.1") or ("378/57") or ("378/198") or ("378/197") or ("378/51") or ("378/54") or ("358/55") or ("378/62") or ("378/147") or ("378/149") or ("378/160") or ("378/369")).CCLS.) not (((("3124679") or ("3997787") or ("3808444") or ("4229654") or ("4251726") or ("3780291") or ("5151588") or ("5091924") or ("4430568") or ("4697594") or ("5764683") or ("5903623") or ("5541856") or ("4064440") or ("4973846") or ("3835324") or ("5237598") or ("5754617") or ("5638420")).PN.) "6031890".pn.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:37
S34 3	313	S342 and (vehicle or automobile or truck or tractor or trailer or cargo or rail adj car)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S34 4	9	("20010021241"   "20020136353"   "20040017887"   "5638420"   "5692028"   "5764683"   "6058158"   "6292533"   "6636581").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/15 12:37
S34 5	3	("4366382"   "5091924"   "5247561").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/15 12:37

## EAST Search History

S34 6	96	(US-20010020682-\$ or US-20050029460-\$ or US-20030065485-\$ or US-20060006338-\$ or US-20050205793-\$ or US-20040256565-\$ or US-20030201394-\$ or US-20050281390-\$ or US-20050157844-\$ or US-20050156734-\$ or US-20050100135-\$ or US-20050011849-\$ or US-20040258198-\$ or US-20040247075-\$ or US-20040179647-\$ or US-20040141584-\$ or US-20040125914-\$ or US-20040109532-\$ or US-20040086078-\$ or US-20040066889-\$ or US-20040017887-\$ or US-20030016790-\$ or US-20020136353-\$ or US-20020031202-\$ or US-20010021241-\$).did. or (US-3124679-\$ or US-3780291-\$ or US-3790785-\$ or US-3808444-\$ or US-3835324-\$ or US-3997787-\$ or US-4047036-\$ or US-4064440-\$ or US-4229654-\$ or US-4251726-\$ or US-4255659-\$ or US-4357535-\$ or US-4366382-\$ or US-4430568-\$ or US-4566113-\$ or US-4598202-\$ or US-4599740-\$ or US-4697594-\$ or US-4817123-\$ or US-4873708-\$ or US-4893015-\$ or US-4973846-\$ or US-5065418-\$ or US-5091924-\$ or US-5151584-\$ or US-5237598-\$).did. or (US-5247561-\$ or US-5464013-\$ or US-5493517-\$ or US-5493596-\$ or US-5504334-\$ or US-5541856-\$ or US-5638420-\$ or US-5642393-\$ or US-5692028-\$ or US-5698854-\$ or US-5754617-\$ or US-5764683-\$ or US-5838759-\$ or US-5870449-\$ or US-5898790-\$ or US-5903623-\$ or US-5910973-\$ or US-5936249-\$ or US-6031890-\$ or US-6058158-\$ or US-6081580-\$ or US-6128365-\$ or US-6229872-\$ or US-6236709-\$ or US-6237707-\$ or US-6252929-\$ or US-6255654-\$).did. or (US-6272207-\$ or US-6292533-\$ or US-6353227-\$ or US-6456793-\$ or US-6462341-\$ or US-4001580-\$ or US-6727506-\$ or US-5679956-\$ or US-6936820-\$ or US-6693281-\$ or US-6205195-\$ or US-5557108-\$ or US-5330142-\$ or US-6972693-\$ or US-6937692-\$ or US-6928141-\$ or US-6922461-\$ or US-6920197-\$ or US-6843599-\$ or US-6785357-\$ or US-6768421-\$ or US-6763635-\$ or US-6708140-\$ or US-6563903-\$ or US-6552346-\$ or US-6542580-\$ or US-6507025-\$).did. or (US-6347132-\$ or US-6278115-\$ or US-4864142-\$).did. or (US-RE26014-\$ or US-3159744-\$).did. or (GB-2277013-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/15 12:37
S34 7	18	S346 and neutron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S34 8	21	S346 and boom	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S34 9	34	S346 and mobile	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S35 0	40	S346 and count\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S35 1	25	S346 and count\$3 same (photon or puls\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37

## EAST Search History

S35 2	5	S346 and passive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S35 3	41	S346 and (gamma or cobalt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S35 4	34	S346 and (gamma or cobalt) and x-ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S35 5	1	S346 and neutron and helium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S35 6	2014	"250"/\$7.ccls. and neutron near2 detect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S35 7	285	S356 and helium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S35 8	15	S356 and helium and lif	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S35 9	2	S356 and helium same lif	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S36 0	15	S356 and helium and lif	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S36 1	3	S356 and helium adj detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S36 2	80	"250"/\$7.ccls. and helium near2 detect\$4 and neutron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S36 3	3	"250"/\$7.ccls. and helium adj detect\$4 and neutron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37

## EAST Search History

S36 4	39	"250"/\$7.ccls. and helium adj2 detect\$4 and neutron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S36 5	61	S346 and (photomultipl\$4 or scintillat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S36 6	0	("5065418.pn.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/15 12:37
S36 7	0	("5065418.pn.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/15 12:37
S36 8	2	"5065418".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:37
S36 9	112	(US-20040256565-\$ or US-20040247075-\$ or US-20040141584-\$ or US-20040109532-\$ or US-20040086078-\$ or US-20040017887-\$ or US-20050281390-\$ or US-20050100135-\$ or US-20050011849-\$ or US-20050029460-\$ or US-20010020682-\$ or US-20010021241-\$ or US-20030065485-\$ or US-20030201394-\$ or US-20050205793-\$ or US-20060006338-\$ or US-20050157844-\$ or US-20050156734-\$ or US-20040258198-\$ or US-20040179647-\$ or US-20040125914-\$ or US-20040066889-\$ or US-20030016790-\$ or US-20020031202-\$ or US-20020136353-\$).did. or (US-6058158-\$ or US-5936249-\$ or US-5493517-\$ or US-5464013-\$ or US-4893015-\$ or US-4566113-\$ or US-5898790-\$ or US-5910973-\$ or US-6081580-\$ or US-4817123-\$ or US-6237707-\$ or US-6353227-\$ or US-6255654-\$ or US-3124679-\$ or US-3780291-\$ or US-3808444-\$ or US-4064440-\$ or US-4430568-\$ or US-4697594-\$ or US-4973846-\$ or US-5091924-\$ or US-5541856-\$ or US-5638420-\$ or US-5754617-\$ or US-5764683-\$ or US-4873708-\$).did. or (US-5698854-\$ or US-6272207-\$ or US-4047036-\$ or US-5642393-\$ or US-6462341-\$ or US-5504334-\$ or US-4599740-\$ or US-4598202-\$ or US-5493596-\$ or US-5838759-\$ or US-6229872-\$ or US-3835324-\$ or US-4251726-\$ or US-3997787-\$ or US-5237598-\$ or US-4229654-\$ or US-6031890-\$ or US-5151588-\$ or US-5065418-\$ or US-5903623-\$ or US-6236709-\$ or US-6252929-\$ or US-6292533-\$ or US-5870449-\$ or US-6205195-\$ or US-5692028-\$ or US-65522346-\$).did. or (US-6507025-\$ or US-5247561-\$ or US-4366382-\$ or US-6542580-\$ or US-6937692-\$ or US-6843599-\$ or US-6785357-\$ or US-6768421-\$ or US-6763635-\$ or US-4001580-\$ or US-6727506-\$ or US-6708140-\$ or US-5679956-\$ or US-5330142-\$ or US-3790785-\$ or US-4255659-\$ or US-6128365-\$ or US-6936820-\$ or US-6693281-\$ or US-4864142-\$ or US-6456793-\$ or US-4357535-\$ or US-5557108-\$ or US-6972693-\$ or US-6928141-\$ or US-6922461-\$ or US-6920197-\$).did. or (US-6347132-\$ or US-6278115-\$ or US-6563903-\$ or US-5591967-\$).did. or (US-RE26014-\$ or US-3159744-\$).did. or (GB-2277013-\$).did.	OR	ON	2006/08/15 12:38	

## EAST Search History

S37 0	4	"09398547"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:38
S37 1	2	"6507025".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:38
S37 2	44	S188 and (boom arm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 12:38
S37 3	0	"10717632"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 13:38
S37 4	17	"717632"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 13:38
S37 5	17	"717632"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 13:46

## EAST Search History

S37 6	121	(US-20060006338-\$ or US-20050100135-\$ or US-20040258198-\$ or US-20050157844-\$ or US-20050156734-\$ or US-20050029460-\$ or US-20050205793-\$ or US-20050281390-\$ or US-20040247075-\$ or US-20050011849-\$ or US-20040256565-\$ or US-20040179647-\$ or US-20040125914-\$ or US-20040141584-\$ or US-20040066889-\$ or US-20040109532-\$ or US-20040017887-\$ or US-20030201394-\$ or US-20040086078-\$ or US-20030016790-\$ or US-20020136353-\$ or US-20030065485-\$ or US-20010021241-\$ or US-20010020682-\$ or US-20020031202-\$).did. or (US-6937692-\$ or US-6928141-\$ or US-6972693-\$ or US-6843599-\$ or US-6936820-\$ or US-6785357-\$ or US-6768421-\$ or US-6922461-\$ or US-6727506-\$ or US-6920197-\$ or US-6708140-\$ or US-6693281-\$ or US-6563903-\$ or US-6552346-\$ or US-6763635-\$ or US-6542580-\$ or US-6507025-\$ or US-6456793-\$ or US-6353227-\$ or US-6347132-\$ or US-6292533-\$ or US-6462341-\$ or US-6278115-\$ or US-6237707-\$ or US-6272207-\$ or US-6205195-\$).did. or (US-6255654-\$ or US-6128365-\$ or US-6252929-\$ or US-6236709-\$ or US-6058158-\$ or US-5936249-\$ or US-6229872-\$ or US-5910973-\$ or US-6081580-\$ or US-5898790-\$ or US-5870449-\$ or US-6031890-\$ or US-5838759-\$ or US-5754617-\$ or US-5903623-\$ or US-5698854-\$ or US-5692028-\$ or US-5679956-\$ or US-5642393-\$ or US-5764683-\$ or US-5557108-\$ or US-5541856-\$ or US-5504334-\$ or US-5247561-\$ or US-5591967-\$ or US-5638420-\$ or US-5237598-\$).did. or (US-5151588-\$ or US-5493596-\$ or US-5091924-\$ or US-5065418-\$ or US-5464013-\$ or US-5493517-\$ or US-4873708-\$ or US-5330142-\$ or US-4864142-\$ or US-4817123-\$ or US-4697594-\$ or US-4599740-\$ or US-4973846-\$ or US-4893015-\$ or US-4357535-\$ or US-4598202-\$ or US-4566113-\$ or US-4064440-\$ or US-4430568-\$ or US-4366382-\$ or US-4255659-\$ or US-4047036-\$ or US-3835324-\$ or US-4251726-\$ or US-4229654-\$ or US-3808444-\$ or US-3997787-\$).did. or (US-4001580-\$ or US-3790785-\$ or US-3780291-\$ or US-3124679-\$ or US-6200024-\$ or US-5835558-\$ or US-5499284-\$ or US-5283823-\$ or US-5586162-\$ or US-4989229-\$ or US-5506883-\$ or US-5425069-\$ or US-5081662-\$).did. or (US-RE26014-\$ or US-3159744-\$).did. or (GB-2277013-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/15 13:47
S37 7	28	S376 and velocity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 13:48
S37 8	0	"verbinskyin."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 13:48
S37 9	0	"verbinsky.in."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 13:48
S38 0	0	"verbinski.in."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 13:49

## EAST Search History

S38 1	21	verbinski.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 13:49
S38 2	8	S381 and velocity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 14:20
S38 3	81	S376 and (velocity speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 13:51
S38 4	5	S381 and neutron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 14:21
S38 5	14	S381 and photon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 14:22
S38 6	0	S381 and passive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/15 14:22